

In the Specification

Please substitute the title of the invention on page 1, beginning at line 1:

Methods of Sampling Microbial Communities and Apparatus Therefor

Please substitute the following paragraph beginning on page 8, line 5:

In various embodiments, specific substrates can be used to stimulate specific groups or organisms. Hydrogen gas released directly or generated can be utilized by special bacteria but does not foster carbohydrate polymer slime formation that can plug aquifers; acetate utilized by a limited number of organisms as a major carbon source; methane used by a limited number of aerobic organisms, and only under special pressure and temperature conditions anaerobically. Many refractory chemicals such as poly aromatic hydrocarbons, tars, asphaltenes, chlorobenzenes or polychlorobiphenyls are utilized by very selective group of organisms. Inorganic substrates such as sulfides are used by carbon dioxide fixing chemoautotrophs. Trace nutrients required are most often phosphate containing compounds or nitrogen containing compounds which may be added as supplements. Many organisms have other trace element needs that are usually met by multi-component mixes. Tungsten is required by some anaerobic archaea and nickel by some methane-forming anaerobes.